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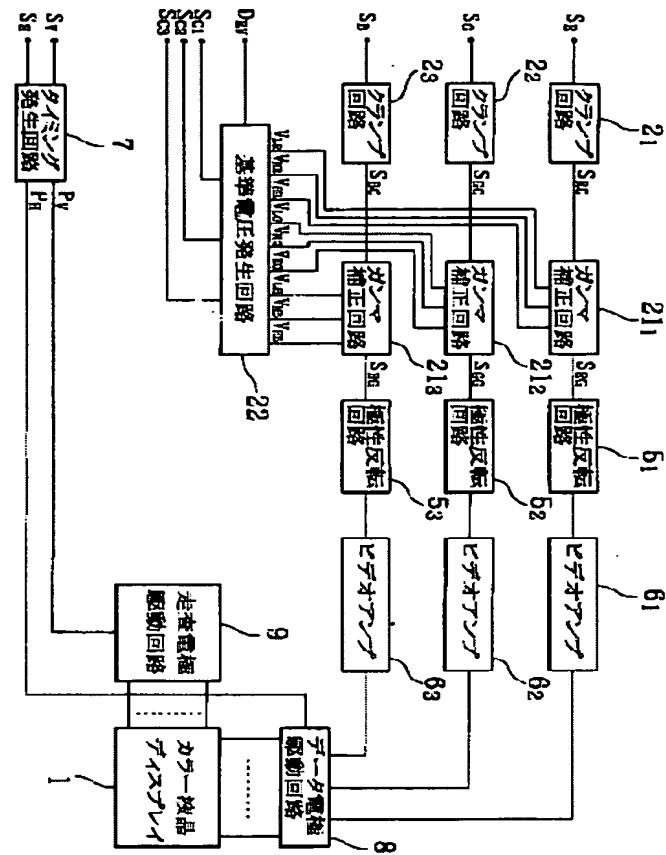
APPLICATION DATE : 08-11-99
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APPLICANT : NEC CORP;

INVENTOR : KOGA KOICHI;

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TITLE : METHOD AND CIRCUIT FOR DRIVING COLOR LIQUID CRYSTAL DISPLAY



ABSTRACT : PROBLEM TO BE SOLVED: To eliminate the generation of a gradation collapse occurred in a specific color by conducting an optimum gamma compensation that is made suitable for the characteristics of a color liquid crystal display.

SOLUTION: Clamped video red signals SRC, green signals SGC and blue signals SBC are independently gamma-corrected for so that these signals are made suitable for the characteristics of red, green and blue transmissivities with respect to the applied voltage of a color liquid crystal display 1 in gamma- correcting circuits 211 to 213. The corrected signals, i.e., video red signals SRG, green signals SGG and blue signals SBG are used to drive the display 1.

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